Index of Claims

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 09/721,528              | LUFF ET AL.                             |
| Examiner                | Art Unit                                |
| Lana N. Le              | 2685                                    |

| <b>/</b> | Rejected | [- | _ | (Through numeral)<br>Cancelled | N | No   |
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| Clai           | m             | Date          |                 |   |  |  |  | Claim Date                                       |                                     |                        |     |       |          |           | ]        | Cl       | Claim Date |          |          |          |  |   |              |            |  |                 |          |              |              |          |          |           |          |
|----------------|---------------|---------------|-----------------|---|--|--|--|--|-------------------------------------|------------------------|-----|-------|----------|-----------|----------|----------|------------|----------|----------|----------|--|---|--------------|------------|--|-----------------|----------|--------------|--------------|----------|----------|-----------|----------|
|                | <u>a</u>      | 2             |                 |   |  |  |  |  |                                     |                        | ſ   |       | <u>a</u> |           |          | T        | T          | T        | T        |          |  |   |              | <u>8</u>   |  |                 |          | ſ            |              |          | . [      |           |          |
| Final          | Original      | 7/24/05       |                 |   |  | ŀ  |  |  |                                     |                        |     | Final | Original |           |          |          |            |          | H        | - 1      |  |   | Final        | Original   |  |                 |          |              |              |          |          |           |          |
| 证              | Š             | 712           | ΙI              |   |  | l  |  |  |                                     |                        | - 1 | ίΞ    | Ç        |           |          |          |            | - 1      |          |          |  |   | i <u> </u>   | Ö          |  |                 | - 1      |              |              |          |          |           |          |
|                |               |               | Ц               |   | L  | <u> </u>   |  | _  |                                     | Ц                      | L   |       |          | Ц         | $\Box$   | _        |            | 4        | $\dashv$ | $\dashv$ | $\bot$   | ┛ |              |            | <u> </u>   | $\sqcup$        | 4        | _            | _            | 4        | _        | 4         |          |
| Щ              | 1             | =             | Ш               |   | <u> </u>   | ┡  | _  |  |                                     |                        | -   |       | 51       | $\sqcup$  | _        | _        |            | 4        | _        | $\dashv$ | $\perp$  | 4 | <u> </u>     | 101        | lacksquare                                       | $\vdash \vdash$ | $\dashv$ | _            | _            | _        | _        | $\dashv$  |          |
| ड्र            | 2             | 4             | Н               |   | _  | ┡  | _  |  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ц                      | Ļ   |       | 52       | Н         |          |          |            | -        | $\dashv$ | $\dashv$ | +  | ┨ |              | 102        |  | $\vdash \vdash$ | $\dashv$ | 4            | -            | 4        | -        | +         | 4        |
| 3              | 3             | 4             | Н               |   | ⊢  | ⊢  | ⊢  | ⊢  | $\vdash$                            | Н                      | ŀ   |       | 53       | $\vdash$  |          |          |            | -+       | $\dashv$ | +        | +  | ┨ | <u> </u>     | 103        |  | $\vdash$        | +        | -            | 4            | $\dashv$ | -        | +         | 4        |
| 4              | 4             | H             | Н               |   | ┡  | ⊢  | <b>—</b>   | ⊢  | _                                   | Щ                      | ŀ   |       | 54       | ╌┤        | -        | $\dashv$ | -          | +        | $\dashv$ | $\dashv$ | +  | ┨ | -            | 104<br>105 | _  | ⊢⊦              | +        | -            | -            | -        | -        | +         | 4        |
| 5              | 5             | H             | $\vdash$        |   | -  | -  | <u> </u>   | ⊢  | H                                   | Н                      | ŀ   |       | 55<br>56 | Н         | $\dashv$ | $\dashv$ | -          | $\dashv$ | $\dashv$ | +        | +  | ┨ |              | 106        | -  | $\vdash \vdash$ | $\dashv$ | ┥            | $\dashv$     | $\dashv$ | $\dashv$ | +         | -        |
| G 7            | 7             | Н             | Н               |   | -  | ⊢  | -  | H  | <u> </u>                            | Щ                      | ŀ   |       | 57       | $\vdash$  | -        | -        |            | $\dashv$ | $\dashv$ | +        | +  | ┨ | -            | 107        | $\vdash$   | $\vdash$        | +        | $\dashv$     | $\dashv$     | $\dashv$ | $\dashv$ | +         | $\dashv$ |
| <del>/  </del> | 8             | Н             | Н               |   | ⊢  | ⊢  | ⊢  | ⊢  | H                                   | $\dashv$               | ŀ   |       | 58       | $\vdash$  | $\dashv$ | $\dashv$ | ┥          | $\dashv$ | $\dashv$ | -+       |  | ┨ |              | 108        | ┝  | $\vdash$        | ┰        | $\dashv$     | $\dashv$     | $\dashv$ | $\dashv$ | +         | $\dashv$ |
| 8              | 9             | Н             | Н               |   | ├  | ├─   | ┝  | -  | -                                   | Н                      | ŀ   | -     | 59       | Н         | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ | +  | ┨ | $\vdash$     | 109        | $\vdash$   | $\vdash$        | $\dashv$ | $\dashv$     | $\dashv$     | $\dashv$ | $\dashv$ | +         | ᅥ        |
|                | 10            | H             | $\vdash \vdash$ |   | $\vdash$   | $\vdash$   | $\vdash$   | ┢  | $\vdash$                            | $\vdash \vdash$        | ŀ   |       | 60       | +         | -        |          | $\dashv$   | +        | +        | $\dashv$ |  | 1 |              | 110        | -  | $\vdash \vdash$ | $\dashv$ | $\dashv$     | $\dashv$     | $\dashv$ | $\dashv$ | +         | $\dashv$ |
|                | 11            | ${\mathsf H}$ | Н               |   | H  | <del> </del>                                     | <del>                                     </del>   | <del> </del>                                     | <del>  -  </del>                    | Н                      | H   |       | 61       | $\vdash$  | +        | +        | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$   | ┨ | <del> </del> | 111        | $\vdash$   | $\vdash \vdash$ | $\dashv$ | $\dashv$     | $\dashv$     | +        | $\dashv$ | +         | $\dashv$ |
|                | 12            | $\forall$     | H               |   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$                            | $\vdash \vdash \vdash$ | ŀ   |       | 62       | H         | $\dashv$ | $\dashv$ | ᅥ          | $\dashv$ | $\dashv$ | $\dashv$ | +  | 1 | -            | 112        | <del>                                     </del> |                 | 十        | 7            |              | -        | -+       | 十         | ᅱ        |
| 13             | 13            | $\dagger$     | H               |   | $\vdash$   | $\vdash$   | т  | Н  | Н                                   | Н                      | l   |       | 63       | Н         | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ | +  | ┪ |              | 113        | Т  | $\vdash \vdash$ | $\dashv$ | $\dashv$     | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ |
| 18             | 14            | 1             |                 |   | <del>                                     </del> | <del>                                     </del> | <del>                                     </del>   | T  |                                     | Н                      | ŀ   |       | 64       | М         | 7        | _        | 7          | +        | 十        | 十        |  | 1 | <b> </b>     | 114        |  | $\vdash \vdash$ | $\dashv$ | 7            |              | _        | _        | 十         |          |
| 27             | 15            | $\dagger$     | $\Box$          |   | <u> </u>   | T  | <del>                                     </del>   | <del>                                     </del> |                                     | П                      | 1   |       | 65       | П         |          | 7        | $\neg$     | $\dashv$ | $\dashv$ | _        | _  | 1 |              | 115        |  | 1               | 7        | _            |              | _        | 寸        | $\top$    | ᅱ        |
| 28             | 16            | T             | $\Box$          |   | T  | Π  |  | Γ  |                                     | П                      | ı   |       | 66       | П         | $\neg$   | 7        | $\neg$     | 7        | $\neg$   | $\dashv$ | $\top$   | 1 |              | 116        | Г  |                 | 7        | $\exists$    | 寸            | 一        | 寸        | 寸         | ╗        |
| 29             | 17            |               |                 |   |  | L  |  |  |                                     |                        | Γ   |       | 67       |           |          | 丁        |            |          | ▔        | ⇉        |  | ] |              | 117        |  |                 |          |              |              | 丁        |          | $\Box$    |          |
| 30             | 18            |               |                 |   |  |  |  |  |                                     |                        |     |       | 68       |           |          |          |            |          | $\Box$   | $\Box$   |  | ] |              | 118        |  |                 | П        |              |              | П        | П        |           |          |
| 31             | 19            |               |                 |   |  |  |  |  |                                     |                        |     |       | 69       |           |          |          |            |          | Т        | П        |  | ] |              | 119        |  |                 |          |              |              |          | T        | T         |          |
|                | <del>20</del> | H             |                 |   |  |  |  |  |                                     |                        |     |       | 70       |           |          |          |            |          |          |          |  | ] |              | 120        |  |                 |          |              |              |          |          | $\Box$    |          |
| 32             | 21            | II            |                 |   |  |  |  |  |                                     |                        |     |       | 71       |           |          |          |            |          |          |          |  | ] |              | 121        |  |                 |          |              |              |          |          | $\Box$    |          |
| 14             | 22            | -             |                 |   |  |  |  |  |                                     |                        | [   |       | 72       |           |          |          |            |          |          | $\perp$  |  | ] |              | 122        |  |                 |          |              |              |          |          | $\Box$    |          |
|                | 23            | $\perp$       |                 |   |  |  |  |  |                                     |                        |     |       | 73       |           |          |          |            |          |          | $\perp$  |  | ] |              | 123        |  |                 |          |              |              |          | $\Box$   | $\Box$    |          |
| 16             | 24            | Ц             | Ш               |   |  | 乚  |  | $ldsymbol{f eta}$                                | Ш                                   | Щ                      | L   |       | 74       | Ш         | $\Box$   | _        | [          |          | $\perp$  | $\perp$  |  | ] |              | 124        |  |                 |          |              |              | $\Box$   |          |           |          |
| 17             | 25            | Щ             | Ш               |   |  | _  | L  | <u> </u>   |                                     | Ц                      | Ļ   |       | 75       | Ш         | $\dashv$ | _        | _          | _        | 4        | 4        | $\perp$  | Ţ | <u> </u>     | 125        | oxdot  | Щ               | _        | _            |              | _        | _        | _         | _        |
| 19             | 26            | Щ             | Ш               |   |  | Ь.   | L  | L  | Ш                                   | Ц                      | Ļ   |       | 76       |           | _        | _        | _          | 4        | 4        | 4        | $\perp$  | 4 |              | 126        |  | Ш               | _        |              | _            | _        | _        | _         | _        |
| ೭೦             | 27            | 4             | H               |   | _  | L  | _  | Щ  | $\vdash$                            | Ц                      | ŀ   |       | 77       | Н         |          | _        | _          | 4        | _        | 4        | $\perp$  | 4 |              | 127        | $\vdash$   | $\sqcup$        | 4        | 4            |              | _        | _        | 4         | _        |
| श्र            | 28            | H             | $\vdash \vdash$ |   | _  | H  | ļ  | _  | _                                   |                        | -   |       | 78       | Н         | _        | _        | 4          | 4        | 4        | +        | $\perp$  | 4 |              | 128        | <u> </u>   | <b>  </b> -     | 4        | -            | _            | _        | -        | $\dashv$  | 4        |
| 22             | 29<br>30      | H             | Н               | - | ├  | H  | -  | <u> </u>   |                                     | _                      | ╌┝  |       | 79<br>80 | Н         | -        | $\dashv$ | $\dashv$   | $\dashv$ | +        | +        | +  | ┨ | -            | 129<br>130 |  | $\vdash$        | +        | 4            | -            | -        | -        | +         | 4        |
| 23<br>24<br>25 | 31            | +             |                 |   | <u> </u>   | -  | -  | -  | -                                   | -                      | ŀ   |       | 81       | Н         | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ | +        | +        | +  | ┨ |              | 131        |  | ┝╌┼             | +        | -            | $\dashv$     | $\dashv$ | $\dashv$ | +         | _        |
| 87             | 32            | $\vdash$      | Н               |   |  | $\vdash$   | $\vdash$   | $\vdash$   | Н                                   | $\vdash$               | ŀ   |       | 82       | $\vdash$  |          | $\dashv$ | $\dashv$   | $\dashv$ | +        | +        | +  | ┨ | $\vdash$     | 132        | H  | $\vdash$        | +        | +            |              | $\dashv$ | -        | +         | $\dashv$ |
| 26             | 33            | $\forall$     | H               | - | _  | $\vdash$   | -  |  | -                                   | -                      | ŀ   |       | 83       | Н         | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ | +        | +        | +  | ┨ | -            | 133        | -  | $\vdash$        | +        | $\dashv$     | $\dashv$     | $\dashv$ | $\dashv$ | +         | $\dashv$ |
|                | 34            | 1             | $\vdash$        |   |  | Н  | Н  | $\vdash$   | Н                                   | $\dashv$               | ┟   |       | 84       | $\vdash$  | $\dashv$ | +        | +          | -+       | -+       | $\dashv$ | +  | ┨ | $\vdash$     | 134        | $\vdash$   | $\vdash$        | +        | ┥            | ╗            | +        |          | +         |          |
|                | 35-           | İ             | H               |   | $\vdash$   | Н  | $\vdash$   | Н  | H                                   | $\vdash$               | ŀ   |       | 85       | $\vdash$  | -        | +        | +          | $\dashv$ | $\dashv$ | +        | +  | ┨ |              | 135        | $\vdash$   | $\vdash$        | +        | $\dashv$     | $\dashv$     | +        | -        | $\dashv$  | -        |
|                | 36            | #             | H               |   |  | Н  | $\vdash$   |  | Н                                   | $\dashv$               | ŀ   |       | 86       | H         | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ | +  | 1 | <b>—</b>     | 136        | <del> </del>                                     | $\vdash \vdash$ | +        | $\dashv$     | $\dashv$     | +        | $\dashv$ | +         | $\dashv$ |
|                | 37            | Ħ             | H               |   |  | Н  | <del>                                     </del>   | _  |                                     | -                      | F   |       | 87       | H         | $\dashv$ | $\dashv$ | $\dashv$   | 十        | $\dashv$ | $\dashv$ | +-   | 1 | -            | 137        | $\vdash$   | $\vdash$        | +        | $\dashv$     | $\dashv$     | +        | $\dashv$ | +         | $\dashv$ |
|                | 38            | =             | H               |   |  | П  | H  | Т  | Н                                   | Н                      | r   |       | 88       | $\vdash$  | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$   | 1 |              | 138        | _  | $\vdash \vdash$ | +        | $\dashv$     | $\dashv$     | _        | $\dashv$ | +         | $\neg$   |
| 33<br>34       | 39            | Т             | Ħ               |   |  | Г  |  | П  | П                                   | $\sqcap$               | r   |       | 89       | П         | 寸        | 寸        | $\dashv$   | 十        | 十        | 十        |  | 1 |              | 139        | $\vdash$   | $\vdash$        | $\dashv$ | ┪            | $\dashv$     | _        | $\dashv$ | $\dashv$  | $\neg$   |
| 35             | 40            | 1             | П               |   |  | Г  |  | Г  | П                                   | $\sqcap$               | r   |       | 90       | П         | 一        | 寸        | $\dashv$   | 一        | 寸        | $\dashv$ | · -  | 1 |              | 140        | $\Box$   | $\vdash$        | 7        | $\dashv$     | 寸            | 寸        | 寸        | $\forall$ | $\neg$   |
|                | 41            | I             |                 |   |  |  |  |  | П                                   |                        | r   |       | 91       | П         | 寸        | T        | 寸          | 寸        | 寸        | $\neg$ † | $\dashv$   | 1 |              | 141        | П  | $\Box$          | 7        | 寸            | $\dashv$     |          | $\dashv$ | $\dashv$  | $\dashv$ |
|                | 42            |               |                 |   |  |  |  |  |                                     |                        | Γ   |       | 92       |           | 丁        | ╛        | ╛          | 丁        | ╛        |          |  | ] |              | 142        | П  |                 | ╛        |              | T            | 寸        | 7        | $\dashv$  | $\dashv$ |
|                | 43            |               |                 |   |  |  |  |  |                                     |                        | Γ   |       | 93       |           |          | ╗        | 一          |          |          |          |  | 1 |              | 143        |  |                 | T        |              | $\neg$       | 寸        | 寸        | 寸         | ╗        |
|                | 44            |               |                 |   |  |  |  |  |                                     |                        |     |       | 94       |           |          | $\Box$   |            |          | $\Box$   | $\Box$   | $oldsymbol{ol}}}}}}}}}}}}}}$ | ] |              | 144        |  |                 | I        | _]           |              |          |          | $\Box$    |          |
|                | 45            |               |                 |   |  |  |  |  |                                     |                        |     |       | 95       | $\square$ |          |          |            | $\Box$   |          |          | I  | ] |              | 145        |  |                 |          |              | $\Box$       | $\Box$   | $\Box$   | $\Box$    |          |
|                | 46            |               | Ц               |   |  | Щ  |  |  | Ш                                   |                        | Ĺ   |       | 96       | Ш         | $\Box$   | $\Box$   | _[         | $\perp$  | $\Box$   | $\perp$  |  | ] |              | 146        |  |                 | floor    | $oxed{\int}$ | $\Box$       |          | $\Box$   | $\Box$    |          |
|                | 47            |               | Ц               |   | <u> </u>   | Ь  | $ldsymbol{ld}}}}}}}$ | Ш  | Ш                                   | Ц                      | L   |       | 97       | Ш         | _        | $\perp$  |            | $\dashv$ | _        | $\perp$  | <u> </u>   | 1 |              | 147        |  | ot              | ┙        | $\Box$       | [            |          | $\Box$   | $\perp$   |          |
|                | 48            |               | Ц               |   |  | Ш  | Щ  | Щ  | Ш                                   | _                      | L   |       | 98       | Щ         | _        |          |            | $\dashv$ | $\perp$  | 4        | $\perp$  | 1 |              | 148        | Ш  | $\Box$          | 4        | $\bot$       | _[           | $\bot$   | $\bot$   | $\perp$   |          |
|                | 49            |               | Щ               |   | _  | Ш  | <u> </u>   | Щ  | Ш                                   | _                      | L   |       | 99       | $\sqcup$  | _        | 4        | 4          | 4        | 4        | 4        | $\bot$   | 4 | $\vdash$     | 149        | Ш  | $\sqcup$        | 4        | _            | $\downarrow$ | $\perp$  | $\perp$  | $\perp$   | ╝        |
|                | 50            |               | Ш               |   |  | Ш  | L  | Ш  |                                     |                        | L   |       | 100      |           |          |          | 1          |          | _1       |          |  | J |              | 150        | Щ  |                 | $\perp$  |              |              | [        |          | 丄         | _        |